Application Serial No.: 10/643,405 Reply to Office Action of May 23, 2005 Replacement Sheet m 03 m 1/3 **SYMMETRIC UPPER FIELD MAGNET INPUT** • CFA **CAVITIES OUTPUT** • LOWER **MAGNET** Fig. 16 Fig. In PRIOR ART PRIOR ART) **ELECTRICAL AZIMUTHALLY CIRCUIT VARYING** 12 10 **FIELD** 10 10 10 CATHODE **CAVITIES** ANODE: Fig. 26 Fig. Za 30 32= 42 rig. 46